

United States Patent [19]

Tamura et al.

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[54] CASSETTE FOR STIMULABLE PHOSPHOR SHEET

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206/594; 387/182, 188

[56] References Cited

U.S. PATENT DOCUMENTS

1,792,626 2/1931 Bowersock 206/594
3,017,023 1/1962 Peterman et al. 206/594
3,018,015 1/1962 Agriss et al. 206/521

3,145,837 8/1964 Lewis et al. 206/594
3,371,208 2/1968 Brackett et al. 206/454
3,511,990 5/1970 Hauss 206/455
4,093,010 6/1978 Hunley et al. 206/523
4,339,039 7/1982 Mykleby 206/523
4,467,919 8/1984 Bengtsson et al. 206/455

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[57] ABSTRACT

A cassette for removably housing a stimutable phosphor sheet for storing a radiation image therein comprises a lining member secured to the inner surface of a rear cover of the cassette. The lining member comprises a cushioning material layer and an embossed resin sheet or a slide material layer overlaid on the front surface of the cushioning material layer. At least a part of the peripheral portion of the lining member is cut away, and a cavity is formed at the cutaway portion so that the stimutable phosphor sheet readily separates from the rear cover when the rear cover is opened upwardly.

6 Claims, 9 Drawing Figures

